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The Constituent College

SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA

Department of Pathology

VALUE ADDED COURSE ; Cadaver Based Bone marrow study

Target group: First year Post graduate Pathology, Medicine & pediatrics students.

Objective of the Course:

To train the postgraduates in various techniques and simulate the case scenarios in the Bone marrow study procedure with cadaver-based teaching.

Course Content:

Course was primarily designed around the requirements using the inputs collected from the participants.

A peer reviewed module approach was instituted for the training of the techniques.

Orientation to the various aspects of the prerequisites for bone marrow, procedural requirements and post procedural protocols were incorporated as follows.

Bone marrow Study Course Outline

Prerequisites before the procedure

1. Consent
2. Procedure notes communication, Investigations to be checked before assigning the slot for the procedure.
3. Items needed for the procedure.
4. Test dose, communication, procedures.
5. Examination of site of the procedure or choice of the procedure site.

Procedure

1. Sites of Biopsy.
2. Indications for Aspiration/biopsy, with regards to consideration of the site.
3. Contraindications of Aspiration Biopsy.
4. Needles used for bone marrow study – Types, names and recommended needles.
5. Surface marking for the various sites.
6. Positioning of the patient.
7. Items needed for the procedure.
8. Local anesthesia used – Drugs, dosage, Onset of action & duration of action and maximum allowed dose. Contraindications, alternatives.
9. Skin infiltration technique for LA & types of needles used.
10. Special precautions in pediatrics, autopsy evaluation in bone marrow study.
11. Types of samples that can be collected, analyzed and the procedure to prepare them.
12. Solutions needed immediately after the procedure to place the sample.

Smt. Bangaramma Sajjan Campus, B. M. Patil Road (Sholapur Road), Vijayapura - 586103, Karnataka, India.

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Feedback collection: Online feedback collection and assessment of the post procedural sessions – 1Hr

Microscope based teaching: 4Hrs (OPTIONAL SESSION, mandatory for Pathology Postgraduates)

Orientation to the topography and identification of cells

Discussion of most common conditions in bone marrow

Q&A Session for the postgraduates

Resources provided to the students:

- Enlisting of the modules and videos of the procedure.
- Detailed listing of the various topics.
- PowerPoint presentations covering the topics.

Assignment distribution and submission of assignments

- Assignments ranging from multiple choice-based questions to open ended style questions will be distributed over teams.
- Listening to the feedback of the early bird registrations, all the assignments will be posted in the group from Day 1 with submission due dates varying for each topic and deadline for late submission till 9:00AM on the day of hands on workshop.

Class 1- 1Hr duration: An orientation program consisting of a PowerPoint presentation introducing the teams application was done. Students were asked to install the following digital tools.

Mobile applications from Appstore(iOS) and Play Stores (Android):

1. Microsoft Teams

Class 2- 1Hr duration: Hands-on

A hands-on orientation program was done in the classroom with few simple tasks to understand the workflow. Once the students are oriented to the programs, a task was given for assessment. The feedback was collected from students regarding the need for further customization and required help regarding the usage and clearing of doubts with respect to the digital methods were explained.

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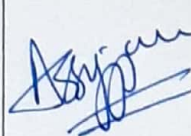


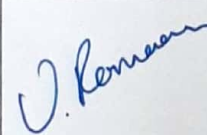
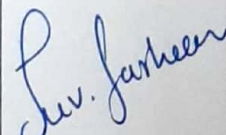

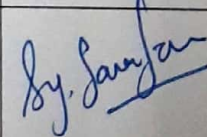
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
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Department of Pathology

Value Added Course 2, Cadaver Based Bone marrow Study Training & Hands on Workshop

Feb, 1-29 2020. VAC- Feb, 1-24 2020. Workshop- 3pm to 5pm.

SL NO.	NAME OF STUDENT	COLLEGE	DEPARTMENT	SIGNATURE
1	Dr Aparna Sajjan	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
2	Dr Saswati Subhadarshini	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
3	Dr Veena Varier	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
4	Dr Umme Rومان	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
5	Dr Juveriya Farheen	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
6	Dr Shruti Sawant	Al Ameen medical college and hospital, Vijayapura	Department of Pathology	
7	Dr Syeda sara Farheen	Al Ameen medical college and hospital, Vijayapura	Department of Pathology	


Prof. & HOD
Dept. of Pathology,
B.L.D.E.U's Shri B. M. Patil
Medical College, BIJAPUR-586103



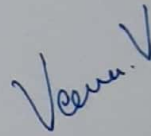
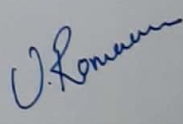
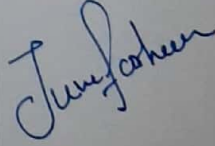
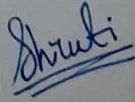
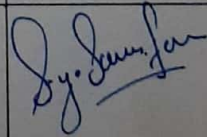
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
Shri B M Patil Medical College Hospital & Research Centre, Vijayapura

Department of Pathology

Value Added Course 2, Cadaver Based Bone marrow Study Training & Hands on Workshop

Date- Feb 24-29, 2020

SL NO.	NAME OF STUDENT	COLLEGE	DEPARTMENT	SIGNATURE
1	Dr Aparna Sajjan	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
2	Dr Saswati Subhadarshini	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
3	Dr Veena Varier	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
4	Dr Umme Roman	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
5	Dr Juveriya Farheen	Shri B M Patil Medical College Hospital & Research Centre, Vijayapura	Department of Pathology	
6	Dr Shruti Sawant	Al Ameen medical college and hospital, Vijayapura	Department of Pathology	
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Prof. & HOD
Dept. of Pathology,
B.L.D.E.U's Shri B. M. Patil
Medical College, BIJAPUR-586103

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REGISTRAR OFFICE

DATE: 22/01/2020

INWARD No. 3941/1



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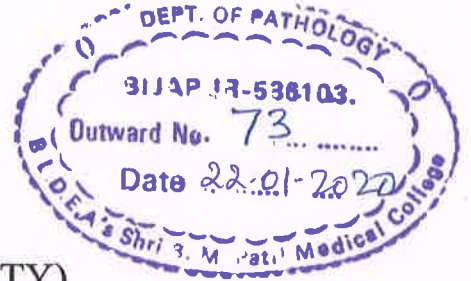
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Department of Pathology



Date: 22.1.2020

From
Professor and Head
Department of Pathology
BLDE (Deemed to be University)
Shri B.M.Patil Medical College, Hospital and Research Center
Vijayapura, Karnataka

To
The Registrar
BLDE (Deemed to be University)
Vijayapura, Karnataka

Subject: Regarding permission to start a new value added course titled- "*Cadaver Based Bone Marrow Study Training*".

Respected Sir,

We would like to start a new value added course titled- "*Cadaver Based Bone Marrow Study Training*" from this academic year (2019-20). So, we request you to kindly permit us to start the above mentioned value added course under the Department of Pathology.

Thanking you

Professor and Head
Department of Pathology
Prof. & HOD
Dept. of Pathology
BLDE (Deemed to be University)
Shri B. M. Patil Medical College,
VIJAYAPUR-03.



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SHRI. B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA

BLDE(DU)/REG/ VAC/2019-20/3408

January 25, 2020

To,
The Prof. and HOD
Dept. of Pathology
BLDE(DU)'s Shri B. M. Patil Medical College,
Hospital and Research Centre,
Vijayapura

Sub: Permission to start a new Value Added Course titled "Cadaver based bone marrow study training" - Reg

Ref: Your Letter No. 73 Dt. 22/01/2020

Sir,

With reference to the subject and letter cited above, I am to inform you that, you are hereby permitted to start a new Value Added Course titled "Cadaver based bone marrow study training".

Further, you are informed to maintain the records as per the norms.

Thank You


REGISTRAR
REGISTRAR

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Vijayapura-586103. Karnataka.

Copy to:

- The Dean, Faculty of Medicine & Principal
- The Dean, Faculty of Allied Health Sciences
- The Vice Principal (Academics)
- The Co-ordinator IQAC
- PS to the Hon'ble Vice-Chancellor

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Certificate

This is to certify that Dr./Miss./Mrs./Mr. : *Veena Varrier*

has attended and completed successfully the necessary requisites of the **Value added course**
titled "..... *Cadaver Based Bone Marrow study*" conducted by

BLDE (DU)'s SBMPMC. This course was conducted for ... *25* ... hrs from ... *1/2/2020* ... to ... *24/2/2020*

Ail Reddy k
Course Specific Co-ordinator

S/A
Course Co-ordinator

[Signature]
Dean Faculty of Medicine & Principal
PRINCIPAL

BLDE (Deemed to be University)
Shri B. M. Patil Medical College Hospital &
Research Centre, Vijayapura-586103, Karnataka